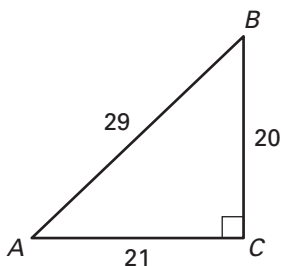


**Practice**

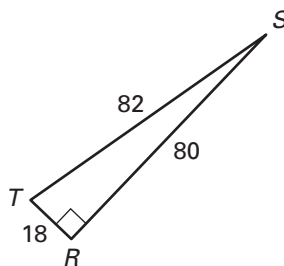
For use with pages 494–499

Find the sine and cosine of each acute angle. Write your answers in simplest form.

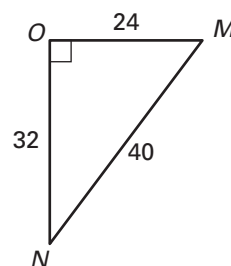
1.



2.



3.



Approximate the sine or cosine value to four decimal places.

4.  $\sin 45^\circ$

5.  $\cos 17^\circ$

6.  $\sin 25^\circ$

7.  $\cos 37^\circ$

8.  $\sin 35^\circ$

9.  $\cos 58^\circ$

10.  $\sin 8^\circ$

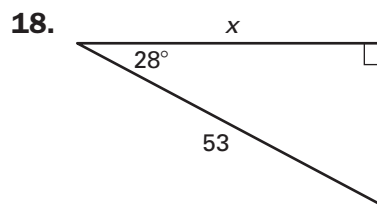
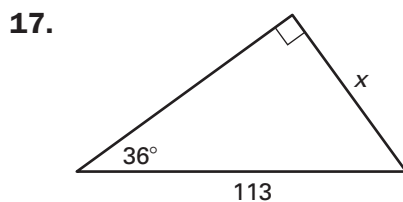
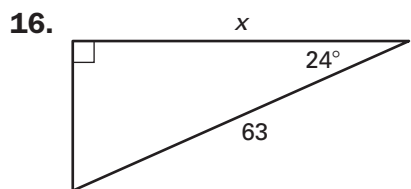
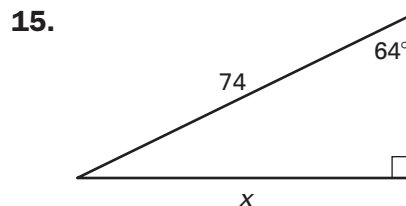
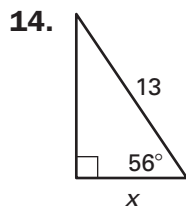
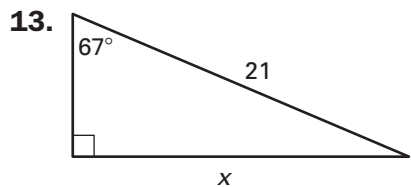
11.  $\cos 62^\circ$

12.  $\sin 44^\circ$

# Practice

For use with pages 494–499

Find the value of  $x$  to the nearest tenth.



19. A water slide is 70.3 meters long and makes an angle of  $19^\circ$  with the ground. To the nearest tenth of a meter, what is the height  $h$  of the water slide?

